

Work Order ID 148351***148351***

Page 1

Tuesday, June 28, 2016 10:07:36 AM

Item ID: D412-786-013

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Fwd Hardpoint Installation

Start Date: 7/20/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 7/26/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D412-786-1

C

JUL 14 2016

DAS
6
9-89DAS
21
9-89

1607-15

100

Document Control

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile and create labels per PPP D412-786-013 chg001

DAS
27
9-89

AUG 03 2016

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

DAS
6
9-89DAS
28
9-89

JUL 20 2016

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

DAS
27
9-89

AUG 03 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Reference:

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Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-786-013								
	Location: _____								
	PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

/ DAS 27 28 9-89
AUG 03 2016

DAS 21 9-89
AUG 03 2016

dem 16/08/03

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Picklist Print

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Work Order ID: 148351

148351

Parent Item: D412-786-013

D412-786-013

Parent Item Name: Fwd Hardpoint Installation

Start Date: 7/20/2016

Required Date: 7/26/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 12-04-27 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3870-041 *D3870-041* Hardpoint, Fwd LH		Manufactured	No				Each	1.0000		1			
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST056			1					
					144561			1					
D3870-042 *D3870-042* Hardpoint, Fwd RH		Manufactured	No				Each	1.0000		1			
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST056			1					
					144562			1					
D3870-5 *D3870-5* Mount, Fwd Upper		Manufactured	No				Each	3.0000		1			
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST056			3					
					121992			3					
D3871-1 *D3871-1* Doubler		Manufactured	No				Each	2.0000		1			
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST056			2					
					111907			2					

JUL 20 2016

DQA: _____ Date: _____



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Picklist Print

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Page 2

Work Order ID: 148351

148351

Parent Item: D412-786-013

D412-786-013

Parent Item Name: Fwd Hardpoint Installation

Start Date: 7/20/2016

Required Date: 7/26/2016

Start Qty: 1.00

Required Qty: 1.00

D3871-2

Manufactured No

Each

2.0000

D3871-2

Doubler

**

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST056

2

111908

2

Each

1,775.000

**

MS21042L3

Purchased

No

MS21042L3

Nut

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK007

600

m135056

600

FP001

32

m133790

32

GA

171

m133790

3

m134360

168

ST303

972

m134039

12

m134634

2

m134754

158

m134943

800

JUL 28 2016

DQA: _____ Date: _____



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148351

Parent Item: D412-786-013

D412-786-013

Parent Item Name: Fwd Hardpoint Installation

Start Date: 7/20/2016

Required Date: 7/26/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-11

Purchased

No

Each

155.0000

MS27039-1-11

Screw

**

DAS

DAS

28

28

9-89

9-89

Location

Loc Qty

Loc Code

GA

20

125654

13

9662

7

over006

50

m134738

50

ST280

85

124326

85

MS27039-1-12

Purchased

No

Each

86.0000

MS27039-1-12

Screw

**

DAS

DAS

28

28

9-89

9-89

Location

Loc Qty

Loc Code

over006

50

m134294

50

ST280

36

m133988

36

MS27039-1-14

Purchased

No

Each

750.0000

MS27039-1-14

Screw

**

DAS

DAS

28

28

9-89

9-89

Location

Loc Qty

Loc Code

GA

94

120449

94

over006

500

124326

500

ST280

156

124326

156

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Shop Packet Print

Page 3

JUL 28 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

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Work Order ID: 148351

148351

Parent Item: D412-786-013

D412-786-013

Parent Item Name: Fwd Hardpoint Installation

Start Date: 7/20/2016

Required Date: 7/26/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0332J

Purchased

No

Each

1,992.000

10

NAS1149D0332.I

Washer

**

DAS
27
9-89

Location

Loc Qty

Loc Code

CA

6

m129682

6

GA

995

m135046

995

ST260a

564

m134848

564

ST264

427

m134502

22

m134738

405

JUL 20 2016
DAS
28
9-89

10

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								